[Heterocycles, **43**, 535-538 (1996)] [Lab. of Pharmacognosy]

**Garciduols A and B, New Benzopheone-xanthone Dimers, from *Garcinia dulcis*.**

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In continuation of our phytochemical studies on Guttiferaceous plants oriented to search for biological active principles, the chemical constituentss (xanthones, benzophenones, anthorones etc.) isolated from some plants of *Garcinia*, *Calophyllum*, *Harngana* and *Mammea* were characterized. In a preceeding paper the structures of some xanthones with $C_5$ and/or $C_{10}$ unitis in the bark or the root of *G. Dulcis* wre revealed. Fruther investigation into an acetone extract of the roots of this plant resulted in isolation of two compounds. This communication deals with the structural detrmination of garciduols A and B with a new skeleton of benzophenono-xanthono dimer.

[Heterocycles, **43**, 611-617 (1996)] [Lab. of Pharmacognosy]

**Some Base-catalyzed Reactions of Nor-clerodane Derivatives and Their Antifeedant Activity.**

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By base-catalyzed reaction of a nor-clerodane diterpene, teucvidin, several cis and trans-clerodane derivatives were obtained. Their structures including stereochemistry were established by spectroscopic means and X-ray analysis, by correlation to the known products. The formation of these compounds implied that a different kind of basic reagents had influence on the sterochemistry of reactive products. One of the resulting compounds showed the potent antifeedant activity to larvae of *Leucania separata*.

[Phytochemistry, **42**, 245-247 (1996)] [Lab. of Pharmacognosy]

**Two Furanoxanthones from *Mammea acuminata*.**

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The genus *Mammea* is the same subfamily (Calophylloideae) as *Calophyllum* and *Mesua*. Plants in this subfamily are known to contain abundant amounts coumarins and xanthones with alkyl groups. From the stems of *Mammea acuminata*, two new furanoxanthones, acuminols A and B, were isolated in addition to four known xanthones. These structures were established by spectral analysis.